

^{N.}
DOLGOVA, V.N.

Bibliography on the geology of the Ukraine for 1954; supplement.
Geol. zhur. 17 no.1:84-86 '57. (MLRA 10:4)
(Bibliography--Ukraine--Geology) (Ukraine--Geology--Bibliography)

DOLGOVA, V.N. [Dolhova, V.N.]

Books on the geology of the Ukraine published in 1955. Geol. zhur.
18 no. 2:103-105 '58. (MIRA 11:7)

(Bibliography--Ukraine--Geology)

DOLGOVA, V.N. [Dolhova, V.M.]

Literature on the geology of the Ukraine published in 1956 (to be continued). Geol. zhur. 20 no.2:120-122 '60. (MIRA 14:5)
(Bibliography--Ukraine--Geology)
(Ukraine--Geology--Bibliography)

N.
DOLGOVA, Y.M.

Literature on the geology of the Ukraine published in 1956 (continued).
Geol. zhur. 20 no. 3:104-107 '60. (MIRA 14:4)
(Bibliography--Ukraine--Geology) (Ukraine--Geology--Bibliography)

DOLGOVA, V.N. [Dolhova, V.M.]

Literature on the geology of the Ukraine published in 1956 (to be continued). Geol. zhur. 20 no. 4:107-108 '60. (MIRA 14:4)
(Bibliography--Ukraine--Geology)
(Ukraine--Geology--Bibliography)

5(5)

AUTHORS:

Boldyrev, V. V., Dolgova, V. P., Shint, A. A.

SO7/196-52-1-6/54

TITLE:

Investigation of the Aging Process of Lead Oxalate (Izucheniye protsessa stareniya oksalata svintsa)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1959, Nr 1, pp 24 - 27 (U.S.S.R.)

ABSTRACT:

Previous papers (Ref 1, Ref 2) showed that the rate of thermal decomposition of lead oxalate depends on the time which has passed since the production of the preparation. Fresh lead oxalate decomposes faster than aged lead oxalate. The variation of the decomposition constants depending on temperature (Diagram, Fig 1) is investigated in this paper. The decomposition constant was calculated according to the equations $1-a = e^{-Kt^n}$ and

$K = nk^{\frac{1}{n}}$ on the basis of the values determined. K decreases with a rise of temperature and aging whereas the exponent n shows an increase. The aging process can be described well by a topokinetic equation with the exponent n near 1. n=1 denotes a reaction of the first order in which the reaction

Card 1/2

Investigation of the Aging Process of Lead Oxalate

SCV/156-53-1-6/54

rate is proportional to the portion of the substance not yet reacting. This might also hold for the aging process which is based on the elimination of metastable lattice defects. In this case the reaction rate must be proportional to the number of defects still present at the respective moment. If lead oxalate is treated with ultrasonics the aging process is accelerated. In this case linear dislocations are eliminated in the same gliding surface which is known as "polygonization". These processes take place also at low temperatures and with little energy expenditure. There are 2 figures, 1 table, and 9 references, 5 of which are Soviet.

ASSOCIATION: Kafedra neorganicheskoy khimii Tomskogo gosudarstvennogo universiteta im. V. V. Kuybysheva (Chair of Inorganic Chemistry of Tomsk State University imeni V. V. Kuybyshev)

SUBMITTED: June 23, 1958

Card 2/2

5(3, 4)

SOV/63-4-2-33/39

AUTHORS: Boldyrev, V.V., Dolgova, V.P.

TITLE: The Effect of the Degree of Dispersion on the Rate of Thermal Decomposition of Lead Oxalate

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1959, Vol 4, Nr 2, pp 283-284 (USSR)

ABSTRACT: The rate of thermal decomposition of lead oxalate depends on its time of storing [Ref 1, 2]. The effect of the degree of dispersion on this rate has been studied on fresh and aged crystals of lead oxalate. In the first case the degree of dispersion has only a slight effect, in the second case it is considerable. This is explained by the fact that aging leads to the liquidation or regrouping of at least a part of the metastable reversible lattice defects. These defects may be dislocations originated when crystal growth proceeds at a high rate.

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There is 1 graph and 9 references, 6 of which are Soviet, 2 English and 1 German.

SOV/63-4-2-33/39

The Effect of the Degree of Dispersion on the Rate of Thermal Decomposition of Lead Oxalate

ASSOCIATION: Tomskiy gosudarstvennyy universitet imeni V.V. Kuybysheva (Tomsk State University imeni V.V. Kuybyshev)

SUBMITTED: October 10, 1958

Card 2/2

29721

S/169/61/000/008/038/053
A006/A101

9.9110 (1121,1482)

AUTHOR: Dolgova, Ye. I.

TITLE: On the problem of processing the nocturnal layer of E and E with group delay

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 8, 1961, 29, abstract 80208 (V sb. "Issled. ionosfery no. 5", Moscow, AN SSSR, 1960, 69-73, English summary)

TEXT: The author describes some difficulties arising in the interpretation of nocturnal layers of E and E_s with group delay in the zone of aurora polaris. It is proposed to enter nocturnal layer E and screening layer E_s with group delay in the same tables. An investigation was carried out on the basis of this interpretation and made it possible to reveal the spiral-shaped distribution of the most frequent moments of appearance of the screening E_s with group delay.

The author's summary

[Abstracter's note: Complete translation]

Card 1/1

Walgren, G.

PHASE I BOOK EXAMINATION 807/5156

Abdalya muk SSSR. Mashuvredomstvenny komitet po yrovnedniyu Mashdunarodnogo geofizicheskogo goda. V razdel programy MOG: Ionosfera

Issledovaniya ionosfery (Ionospheric Research) Moscow, Izd-vo M SSSR, 1960. 112 p. (Series: Its Soornik stebay, no. 5) 2,000 copies printed.

Resp. Ed.: O.M. Corbushina, Candidate of Physics and Mathematics; Ed.: A.D. Fedol'skiy; Tech. Ed.: T.V. Polyakova.

PURPOSE: This publication is intended for geophysicists, meteorologists, and communications specialists.

COVER: This collection of 12 articles on the ionosphere published by the Soviet ION Committee, presents some of the results of critical readings made at 23 Soviet stations in the period 1971-1979. The critical articles deal with the geographic distribution of ionospheric absorption and its relation to solar flares and magnetic storms, the altitudinal distribution of ionization calculated with electronic computers, and ionospheric observations in the Arctic and Antarctic. In English. References follow each article. No personalities are mentioned. References follow individual articles.

Ershov, E.S. Dependence of the Maximum Frequency of the Sporadic E_s Layer on the Characteristics of the Ionosphere System 50

Chernov, E.S. Sporadic E_s Layer According to Observations in Middle Latitudes 64

Dobson, V.L. The Problem of Interpretation of the Forturnal and E_s Layer with Using Meridians 69

Sarkis, T.S. Some Peculiarities of the Geographical Distribution of Critical Frequencies in the F₂ Layer During High Solar Activity 74

Bozgorovskiy, A.S. Estimating F₂ Layer Disturbances in High Latitudes 81

Shapiro, E.S. Calculating the Altitudinal Distribution of Ionization with Electronic Computers 93

Mukh, O.V. Ionospheric Observations on Board the Motor Ship "Malinsk" During the Voyage to the Antarctic 100

Smirnov, V.B. Preliminary Results of Testing an Aircraft Ionospheric Station in the Arctic 106

AVAILABILITY: Library of Congress

Card 1/1

6
24/Jan/82
7-38-62

DOLGOVA, E. I. ~~PESHKOV, I. V.~~

"Spiral Distribution of Ionospheric Disturbances."((I-5-2))

report submitted for the Int. Conf. on Cosmic Rays and Earth Storms (IUPAP)
Kyoto, Japan 4-15 Spet. 1961

S/169/61/000/012/089/089
D228/D305

AUTHOR: Dolgova, Ye. I.

TITLE: Spiral distribution of ionosphero-magnetic disturbances

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1961, 27, abstract 12G219 (V sb. Probl. Artiki i Antarktiki. no. 7. L., Morsk. transport, 1961, 17-23)

TEXT: The author considers the results of investigating the daily course of the probability of the appearance of the screening sporadic E-layer with group retardation in high latitudes and of disturbances in the F-region in the high and middle latitudes of the northern hemisphere. A spiral distribution is obtained for the moments of the most frequent appearance of ionospheric disturbances; this distribution is analogous to the results of O. A. Budro, A. P. Nikol'skiy, and Mika, which are

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Spiral distribution of...

S/169/61/000/012/089/089
D228/D305

attributed to disturbances of the earth's magnetic field. [Ab-
stracter's note: Complete translation.]

Card 2/2

DOLGOVA, Ye.I.

Features of the sporadic E layer with group delay at high latitudes.
Trudy AANII 256:123-126 '61. (MIRA 15:8)

(Sporadic E (Ionosphere))
(Ionospheric radio wave propagation)

L 51182-65 EWT(1)/EAO(v)/ZEC-L/EEC(t)/EWA(h)/PCO Po-h/Pe-5/Pq-h/Pae-2/Pe5/
 ACCESSION NR: AP5014105 PI-L GW UR/0203/65/C05/001/0442/0449
 550.388 2 47
 42
 13

AUTHOR: Dolgoza, Ye. I.

TITLE: Ionospheric and magnetic disturbances in years of maximum solar activity

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 3, 1965, 442-449

TOPIC TAGS: ionospheric disturbance, magnetic disturbance, F2 critical frequency, horizontal component, geomagnetic field, aurora zone

ABSTRACT: Ionospheric and magnetic disturbances have been studied from data obtained in the IGY and IGC. The basic parameter taken for the ionospheric studies was the hourly deviation of the critical frequency of the F2-layer from values on quiet days, and the magnetic disturbance was characterized by the deviation of the horizontal component from its values on quiet days. Data of magnetic and ionospheric variations at 47 stations were used. Strong G-type magnetic storms were not observed during the two periods. These storms are associated with L-disturbances in high latitudes and are characterized by variations of the horizontal component of the geomagnetic field in the auroral zone. Positive values of variations of the horizontal component occur in the afternoon and evening and negative values after midnight. During G-type

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ACCESSION NR: AP5014105

storms of low intensity at stations south of the auroral zone, no L-disturbances were observed. At stations near the pole, the diurnal rate of variations of the horizontal component has a large amplitude. The distribution of variations of the horizontal components is mapped for various times. Positive and negative variations form belts of different sizes. SC-type storms are associated with L-disturbances and a decrease in the intensity of the horizontal component at equatorial stations. Variations in the critical frequency of the F2-layer have been studied for auroral and subauroral zones for winter and other seasons. Positive variations of the critical frequency occur during SC-storms when their main phase begins in the evening or at night; increased absorption was observed in the auroral zone during these storms. Maps of ionospheric and magnetic disturbances have been drawn, characterizing the distribution of positive and negative variations during SC-storms. The decrease in the critical frequency of the F2-layer begins at several stations and extends to all latitudes after the main phase. The width of the observation belt of auroras depends upon the intensity of the SC-type storms. Orig. art. has table and 5 figures.

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L 51182-65

ACCESSION NR: AP5014105

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radio-
voln AN SSSR, Leningradskoye otdeleniye (Institute of Terrestrial Magnetism, Iono-
sphere, and Propagation of Radio Waves, AN SSSR, Leningrad Section)

SUBMITTED: 06Jul64

ENCH: 00

SUB CODE: ESAA

NO REF SOV: 007

OTHER: 002

ATD PRESS: 4017

bc
Card 3/3

DOLGOVA, Ye.S., inzh.; OVCHINNIKOV, S.I., kand.tekhn.nauk, dotsent

Effectiveness of single-process shaping in the manufacture of footwear. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:9-12 '60. (MIRA 14:5)

1. Moskovskiy tekhnologicheskii institut legkoy promyshlennosti. Rekomendovana kafedroy organizatsii proizvodstva i ekonomiki legkoy promyshlennosti.

(Shoe manufacture)

DOLGOVA, Ye. Ia., and SHAPIRO, A. A.

Effect of electroc arc welding on thequality of paint on agricultural machines,
Sel'khozmachina no 3, 1952.

UGAY, Ya.A.; DOLGOVA, Yu.Ya.; ZYUBINA, T.A.

Intermetallic compound of Cd_4Sb_3 . Dokl.AN SSSR 138 no.4:856-858
Je '61. (MIRA 14:5)

1. Voronezhskiy gosudarstvennyy universitet. Predstavleno akademikom
I.I.Chernyayevym.
(Cadmium-antimony alloys)

USSR/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31426

Author : Dolgova, Z.Ya.

Inst : ~~INSTITUTE OF PHYSIOLOGY~~

Title : On the Condition of Exchange of Vitamin C During Experimental Silicosis.

Orig Pub : Gigiyena truda i prof. zabolevaniy, 1957, No 3, 11-14.

Abstract : The content of ascorbic acid (AA) was studied in the liver, kidneys, and the adrenal glands of rats and guinea pigs during silicosis, caused by intratracheal introduction of quartz powder which contained 98% of free SiO₂. The development of the silicosis was checked by histological investigations of the lungs of the animals tested. The determination of AA was conducted each 30 days throughout the course of 6 months from the moment of the dusting. In the organs of the rats with the experimentally induced silicosis an expressed increase of the AA content was

Card 1/2

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DOLGOVA, Z. Ya., Cand Med Sci -- (diss) "On the state of metabolism of vitamin "C" in experimental silicosis." Alma-Ata, 1958. 13 pp (Kazakh State Med Inst), # 300 copies (KL, 16-58, 123)

-99-

DOLGOVA, Z.Ya.

Ascorbic acid of guinea pig organs after a single dose of X-irradiation.
Vop.med.khim. 6 no.2:166-168 Mr-Apr '60. (MIRA 14:5)

1. Chair of Biochemistry, Semipalatinsk Medical Institute.
(ASCORBIC ACID) (X RAYS--PHYSIOLOGICAL EFFECT)

DOLGOVA, Z.Ya.

Experimental prevention of toxic pulmonary edema. Farm.1 toks.
24 no.2:202-203 Mr-Ap '61. (MIRA 14:6)

1. Kafedra biologicheskoy khimii Semipalatinskogo meditsinskogo
instituta.

(PULMONARY EDEMA)

27.1100
27.1220

AUTHOR:

Dolgova, Z. Ya.

39462

S/241/62/007/001/004/006

1015/1215

TITLE: Ascorbic acid absorption in an X-irradiated organism

PERIODICAL: Meditsinskaya radiologiya, v. 7, no. 1, 1962, 67-70

TEXT: The vitamin C content in whole blood and in tissues, as well as the rate of its uptake by blood proteins, were determined after irradiation of organisms which by themselves are unable to synthesize this vitamin. The experiments were carried out on 88 guinea pigs, 66 of which were subjected to a single whole body irradiation of 800 r X-rays. The findings indicated the presence of hypovitaminosis which developed after acute radiation injury. The tissues and organs thus affected were: the brain, the adrenals, the testes, the spleen, the small intestines, and the whole blood. The findings in the intestines indicated disturbances in the absorption mechanism. The neuroendocrine and the hematopoietic systems were affected most and the rate of ascorbic acid uptake by blood proteins increased markedly. There are 2 tables.

ASSOCIATION: Kafedra biologicheskoy khimii Semipalatinskogo meditsinskogo instituta (Chair of Biochemistry, Semipalatinsk Medical Institute)

SUBMITTED: November 15, 1959

Card 1/1

DOIKOVA, Z.Ya.; DOIKOV, Ye.G.

Changes in certain indices of the physiological state of internal organs under the effect of bromine. Fiziol. zhur. 50 no.5:593-596 My '64. (MIRA 18:2)

1. Meditsinskiy institut, Semipalatinsk.

DOLGOVA, Z.Ya.; DOLGOV, Ya.G.

Influence of thyroidin on the distribution of ascorbic acid in the body following the effect of radiation. Vop.med.khin. 11 no.6s21-24 N-9 '55. (MIRA 18:12)

1. Kafedra biokhimi Semipalatinskogo meditsinskogo instituta.
Submitted June 10, 1964.

DOLGOVA, Z.Ya.; DOLGOV, Ye.G.

Effect of thyrvidin on the state of the internal organs of white rats; data based on tissue staining in vivo. *Biul. eksp. biol. i med.* 58 no.10:108-110 0 '64. (MIRA 18:12)

1. Kafedra biologicheskoy khimii (zav. - dotsent Z.Ya.Dolgova) Semipalatinskogo meditsinskogo instituta. Submitted July 13, 1963.

DOLGOVA KORUBIN, Vera, dr.

Thyroid function test with I-132 using a method of thyroid clearance and fixation in the intermediate phase. Med. glas. 15 no.7/8: 312-315 J1-Ag '61.

1. Institut za patofiziologiju Medicinskog fakulteta u Skopju (Direktor: prof. dr I. Tadzer).

(IODINE radioactive) (THYROID GLAND physiol)

DOLGOVA-KORUBIN, Vera; KARANFILSKI, Borislav; TACER, Isak

Polycythemia in a coagulation defect following radiophosphorus therapy. Srpski arh. celck.lek. 91 no.7:735-739 J1-Ag'63.

1. Institut za patolosku fiziologiju Medicinskog fakulteta Univerziteta u Skoplju. Upravnik: prof. dr. Isak Tacer.

*

GORIZONTOVA, Ye.A.; DOLGOVETSKIY, V.V., otv. za vyp.; VASILENKO,
L.K., otv. za vyp.; MANVELOVA, Ye.S., tekhn. red.

[Processing of poultry in the enterprises of the German
Democratic Republic] Pererabotka ptitsy na predpriati-
iakh GDR. Moskva, TsINTipishchprom, 1963. 13 p.
(MIRA 16:11)

(Germany, East--Poultry plants)

DOLGOVIN, S., inspektor po spasatel'noy sluzhbe

Underwater search. Voenn. znaniya no.12:33 D '59

(MIRA 13:3)

1. Tsentral'nyy komitet Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Diving, Submarine)

DOLGOVSKIY, N. M.

Welding, Arc
Electrodes

Dec 48

"Use of Manual Speed Welding by the 'Ultrashort Arc Method" 1 p

"Elek Stants" No 12

Points out need for faster welding methods in in-
-vestigation work without resorting to special types
of complex automatic welders. New method was pub-
-lished in 1947 by Min for Heavy Ind Const. arc in-
-ally; arc is of normal length but is submerged in
the metal, giving appearance of an ultrashort arc.

Dec 48

Welding/Engineering (Contd)

Results increase of welding output by 5-10 times.
Electrodes are moved along weld in straight line.
Gives some examples greater welding output.

24/1/50

DOLGOVSKIY, Nikolay Mitrofanovich; AYZENSHTAT, I.I., redaktor; SEVORTSOV,
I.M., tekhnicheskii redaktor.

[Thermal electric power stations] Teplovye elektricheskie stantsii.
Pod.red. V.V.Iuknitskogo. Moskva, Gos.energ.izd-vo, 1954. 240 p.
(Electric power plants) (MIRA 8:4)

DOLGOVSKIY, N.M.

[Thermoelectric stations] Teplovye elektricheskie stantsii.
Moskva, Gosenergoizdat, 1954. 240 p. (MLRA 8:2D)

DOLGOVSKIY, Nikolay Mitrofanovich; GRIGOR'YEV, S.N., red.; VORONIN,
K.P., tekhn.red.

[Heat engineering and heat equipment at electric power plants]
Teplotekhnika i teplovoe khoz'yaistvo elektrostantsii. Moskva,
Gos.energ.izd-vo, 1959. 182 p. (MIRA 12:10)
(Electric power plants)

DOLGOVSKIY, Nikolay Mitrofanovich. Prinsipal uchastiye GIRSHFEL'D,
V.Ya.; MELEYEV, A.S., red.; BUL'DYAYEV, N.A., tekhn. red.

[Thermal electric-power plants and thermal networks] Tep-
lovye elektricheskie stantsii i teplovye seti. Pod red.
V.Ia.Girshfel'da. Moskva, Gosenergoizdat, 1963. 159 p.
(Electric power plants) (MIRA 16:6)

GORBATOV, V.M.; GUROV, V.A.; POZHARISKAYA, L.S.; DOLGOVSKIY, V.V.,
otv. za vyp.; ANAN'YEV, V.I., osv. za vyp.; MANVELOVA,
Ye.S., tekhn. red.

[Production of endoenzyme preparations in Bulgaria and
France] Proizvodstvo endokrinno-germentnykh preparatov v
Bolgarii i Frantsii. Moskva, Tsentral'nyy in-t nauchno-
tekhn. inform. pishchevoi prom., 1962. 33 p.
(MIRA 17:3)

LIBERMAN, S.G.; PETROVSKIY, V.P.; SINITSIN, K.D.; DOLGOVSKIY, V.V.,
otv. za vyp.; POMERANTSEVA, N.V., otv. za vp.; RYBAKOVA, L.G.,
tekhn. red.

[Recent development in the technology of the production of
dry livestock feeds] Novoe v tekhnologii proizvodstva sukhikh
zhivotnykh kormov. Moskva, TSentr. in-t nauchno-tekhn. in-
formatsii pishchevoi promyshl., 1962. 40 p. (MIRA 16:4)
(Feeds)

BENSON, M.I.; DOLGOVSKIY, V.V., otv. za vyp.; ANISIMOVA, V.V.,
otv. za vyp.; MANVELOVA, Ye.S., tekh. red.

[Equipment for milk pasteurization and deodorization]
Oborudovanie dlia pasterizatsii i dezodoratsii moloka.
Moskva, TSentr. in-t nauchn.-tekh. informatsii pi-
shchevoi promyshl., 1962. 84 p. (MIRA 17:3)

ZAYAS, Yu.F., kand. tekhn. nauk; DOLGOVSKIY, V.V., otv. za vyp.;
VASILENKO, L.K., otg. za vyp.; RYBAKOVA, L.G., tekhn.red.

[Ways for using ultrasonic waves in the meat industry]
Puti primeneniia ul'trazvuka v miasnoi promyshlennosti.
Moskva, TSintipishcheprom, 1963. 42 p. (MIRA 17:1)

KASHIRINA, V.M.; DOLGOVSKIY, V.V., otv. za vyp.; VASILENKO, L.K.,
otv. za vyp.; MANVELOVA, Ye.S., tekhn. red.

[Manufacture of meat products in Czechoslovakia] Proizvod-
stvo miasnykh produktov v Chekhoslovakii. Moskva,
TsINTI pishcheprom, 1963. 47 p. (MIRA 16:11)
(Czechoslovakia--Meat industry)

ALEKSEYEV, V.N.; DOLGOVSKIY, V.V., *otv. za vyp.*; ANISIMOVA, V.V.,
otv. za vyp.; MGNIVLOVA, Ye.S., *tekhn. red.*

[Cheese ripening process and ways for its acceleration]
Protsess sozrevaniia syrov i puti ego uskoreniia. Mo-
skva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi
promyshl., 1963. 77 p. (MIRA 17:1)

(Cheese)

DOLGU, Gheorghe

Problems of monopolist state capitalism. Probleme econ 15 no.2:
61-75 P '62.

DOLGU, Gheorghe

Concerning the essence and character of state intervention in
the economy of underdeveloped countries. Probleme econ 15
no.5:114-124 My '62.

DOLGU, Gh., candidat in stiinta economice (Bucuresti)

The Common Market, an expression of general crisis of capitalism.
Natura Geografie 15 no.4:3-8 Jl-Ag '63.

DOLGICHITS, M.F. (Terebovlya, ul. 17 veresnya, d.5)

Perforating cholecystitis in a woman in labor. Klin.khir. no.9:
77 S '62. (MIRA 16:5)

1. Khirurgicheskoye otdeleniye Terebovlyanskoy rayonnoy bol'nitsy,
Ternopol'skoy oblasti.
(GALL BLADDER—DISEASES)

PERETOLCHIN, V.A., kand. tekhn. nauk; KOLEDIN, Yu.M., inzh.; BUSHMANOV, V.M.,
inzh. STRABYKIN, N.N., inzh.; DOLGUN, Ya.N., inzh.; ANISIMOV, A.I., inzh.

Efficient design of boring bits for the SVB-2 machines. Gor. zhur. no.6:
75-76 Je '65. (MIRA 18:7)

1. Irkutskiy politekhnicheskii institut.

DOLGACH, D.L.; DOLGUN, Z.S.; KULAYEV, B.S.

Experimental reflexogenic hypertension of cardiac origin.
Kardiclogia 3 no.6:3-10 N-D '63. (MIRA 17:6)

1. Iz laboratorii fiziologii i patofiziologii (zav. - prof. M.G. Udel'nov) Instituta terapii (direktor - deystvitel'nyy chlen AMN SSSR Prof. A.I. Myasnikov) AMN SSSR.

ALEXANDRYUK, S.P.; DELCUN, H.S.

Serotonin in the tissues of the cecum *Ligula intestinalis*.
Trudy Gal'm. Lab. 11:26-32 '65 (MIRA 19:1)

GNEDIN, Yu.N.; DOLGUNOV, A.Z.

Multiple scattering theory. Zhur. eksp. i teor. fiz. 45 no.4:
1136-1149 0 '63. (MIRA 16:11)

1. Fiziko-tekhnicheskii institut imeni A.F.Ioffe AN SSSR.

DOLGUNOV, F., agronom-metodist; FEDOTOVA, L., zootehnik

Let's introduce the study of chemistry in rural schools. Prof.-tekh.
obr. 21 no.2:12-13 F '64. (MIRA 17:9)

DOLGUSHIN, A.N.

Devices used in lapping fixed anvils of micrometers with measurement range over 100 mm. Iss. tekhn. no.3:78 My-Je '57. (MLBA 10:8)
(Micrometer)

AUTHOR: Dolgushev, A.N. SOV/115-58-6-13/43
TITLE: Measuring of Conical Calibers (Ob izmereniyakh konicheskikh kalibrov)
PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 6, p 26 (USSR)
ABSTRACT: A formula is given for calculating the size of block B of plane-parallel terminal gages which are used for measuring the diameter of conical calibers by means of a sine ruler.

Card 1/1

9(6)

SOV/115-59-2-5/38

AUTHOR: Dolgushev, A.N.

TITLE: A Universal Measuring Tool for Checking a +100 mm Micro-
meter (Universal'nyy shtikhmass dlya poverki mikrometrov
svyshe 100 mm)

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 2, p 14 (USSR)

ABSTRACT: A universal tool has been designed to ascertain devia-
tions of parallelism in micrometers with a +100 mm meas-
uring capacity. Parts from discarded micrometers may be
used in producing this particular type. The micrometer
is checked by a $\frac{1}{4}$ turn of the micro-screw and according
to instructions 135-57. This universal tool disposes
with the need - customary with every standard micrometer
measure - of having 4 special checking instruments,
which can only differ by 0.125 mm in length from each
other. There is 1 diagram.

Card 1/1

MARKELOV, I.M.; DOLGUSHEV, S.I.

Method for determining bilirubin in the blood serum. Lab. delo 8 no.2:
19-21 F '62, (MIRA 15:2)
(BILIRUBIN) (BLOOD ANALYSIS AND CHEMISTRY)

PERSHIN, G.N.; DOLGUSHINA, A.N.

~~CONFIDENTIAL~~
Folic acid antagonist in microbiologic experiment. Biokhimiia, Moskva
17 no.3:339-342 May-June 1952. (CIBL 25:1)

1. All-Union Pharmaceutical Chemistry Scientific-Research Institute imeni
S. Ordshonikidze, Moscow.

ZCTOV, V.P.; SILUYANOV, V.G.; CUGINA, Ye.F.; AUERMAN, L.Ya.; ALEKHINA, M.S.;
BEZZUBOV, A.D.; BODROV, V.A.; BUDNYI, A.V.; BURTSEV, Ye.L.;
VAYNSHTEYN, V.O.; GAVRILOV, A.N.; GORBATOV, V.M.; GRITSENKO, H.N.;
DOLGUSHEVA, L.I.; YELYGENOV, K.Ye.; ZHURAVLEVA, S.S.; ZACHESKIN,
Ya.A.; IVKIN, A.P.; IZOTOV, A.K.; IL'INSKIY, N.A.; IRINARKHOVA,
A.M.; KARPENKO, A.K.; LYSOGOR, P.M.; LUPISH, A.T.; OLEYNIKOV, V.V.;
ORANZHEREYEVA, V.F.; PETROV, N.A.; PYATIBRATOV, M.A.; ROMANOV,
A.N.; RAUBE, P.V.; RYZHENKO, L.P.; SEMYKIN, A.A.; SHEFER, A.P.

G.IA.Ivanov; obituary. NTO 4 no.10:39 O '62. (MIRA 15:9)
(Ivanov, Georgii Iakovlevich, 1897-1962)

Dolguishevskiy, F. G.
DOLGUEHEVSKIY, F.G., dots.

~~XXXXXXXXXX~~
Census of the U.S.S.R. Nauch.zap.od.kred.-ekon.inst. 6:53-72 '56.
(Census) (MIRA 11:1)

DOLGUSHEVSKIY, F.G., dots.; KOZLOV, V.S., dots.; PANCHENKO, V.P., as-
sistent; POLUSHIN, P.I., starshiy prepodavatel'; PCSTNIKOVA,
G.V., kand. ekon. nauk; ERLIKH, Ya.M., dots.; SHENTISIS, Ye.M.,
red.; IL'YUSHENKOVA, T.P., tekhn. red.

[Statistical study of labor productivity and the uncovering of
its potentials in agriculture] Nekotoryye voprosy statisticheskogo
izucheniia i vyivleniia rezervov proizvoditel'nosti truda v sel'-
skom khoziaistve. [By] F.G. Dolgushevskii i dr. Moskva, Gosstat-
izdat, 1962. 189 p. (MIRA 16:1)

1. Prepodavатели Одесского кредитно-экономического института
(for all except Shentisis, Il'yushenkova).
(Odessa Province--Agriculture--Labor productivity)

~~DOLGUSHEVSKIY, F.G.~~, dots.; GOL'DBERG, A.M., dots.; KOZLOV, V.S., dots.; PANCHENKO, V.P., assistant; POLUSHIN, P.I., st. prepod.; ERLIKH, Ya.M., dots.; TRUKHANOVA, A.N., red.; II.'YUSHENKOVA, T.P., tekhn. red.

[Problems in economic statistics] Sbornik zadach po ekonomicheskoi statistike. [By] F.G.Dolgushevskii i dr. Moskva, Gosstatizdat, 1963. 311 p. (MIRA 16:9)
(Statistics--Problems, exercises, etc.)

GOL'DBERG, A.M., kand. ekon. nauk dots.; DOLGUSHEVSKIY, F.G.;
KRAMAROVSKIY, L.M.; TRUKHANOVA, A.N., red.

[Collection of problems on the statistics of capital
construction] Sbornik zadach po statistike kapital'nogo
stroitel'stva. Moskva, Statistika, 1965. 254 p.
(MIRA 18:5)

ATAMETOV, T.U.; BULIDOV, N.G., dotsent; DOLGUSHIN, A.G.; KASSIRSKIY, A.A.;
LIMANOVSKIY, A.A., inzh.; NISENGAUZ, A.D.; TATEVOSYAN, A.S.

For a correct interpretation of the relation between gin capacity
and the volume of ginning output. Tekst.prom. 20 no.3:32-35 Mr '60.
(MIRA 14:5)

1. Rukovoditel' laboratorii syr'ya Tsentral'nogo nauchno-issledovatel'skogo instituta khlopkovoy promyshlennosti (for Atametov).
2. Tashkentskiy institut inzhenerov irrigatsii i mekhanizatsii sel'skogo khozyaystva (for Gulidov).
3. Glavnyy inzh. Tashkentskogo khlopkozavoda (for Dolgushin).
4. Rukovoditel' laboratorii ispytaniya khlopka Tsentral'nogo nauchno-issledovatel'skogo instituta khlopkovoy promyshlennosti (for Kassirskiy).
5. Glavnyy spetsialist nauchno-tekhnicheskogo komiteta Soveta Ministrov UzSSR (for Nisengauz).
6. Nachal'nik Otdela khlopka Gosplana UzSSR (for Tatevosyan).
(Cotton gins and ginning)

DOLGUSHIN, D. A.

"In Memory of Petr Fedorovich Plesetskiy"

Agrobiol., 4, 1949

DOLGUSHIN, D. A.

Collective Farms

Abundant harvests, Mol. kolkh, No. 3, 1952.

Monthly List of Russian Acquisitions, Library of Congress, May 1952, Unclassified.

DOLGUSHIN, D.A., akademik, redaktor; POLYANOVSKIY, V.N., redaktor; ZUBRILINA,
Z.P., tekhnicheskiy redaktor

[Methods and results in plant breeding and seed production] Metody
i rezul'taty selektsionno-semenovodcheskoi raboty. Pod red. D.A.
Dolgushina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 135 p.

(MIRA 9:11)

1. Vsesoyun'naya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina.

(Plant breeding)

SOURCE :
CATEGORY :
ABB. JOUR. : RZBiol., No. 1, 1959, No. 329
AUTHOR : Dolzushin, D. A.; Temiranova, E. B.
: ~~Method of selection and genetics~~
: ~~of the breeding of the sheep~~
: ~~in inter-species and intra-species crossing~~
ORIG. PUB. : Byul. Vses. selekts.-genet. in-ta, 1957,
No 3, 9-13
ABSTRACT : It is contended that the method of "irradiating"
of the males in lieu of castration, which was proposed
by the author and A. E. Malinov, is less effective than
castration.

CARD:

DOLGUSHIN, D.A.

USSR/Cultivated Plants - Fruits and Berries.

M-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10994

Author : Dolgushin, D.A.

Inst : -

Title : Emergence of a Plum Shoot on an Apricot Tree.

Orig Pub : Agrobiologiya, 1957, No 2, 44-46

Abstract : A description is given of the emergence in 1955 of a plum shoot at the base of an old fruit-bearing branch of an apricot tree 23 cm. (along the trunk) above the place where, in 1948, a plum was grafted onto the apricot. The author explains it as the result of a flow of plastic substances, formed in the grafted plum branch, in the tissue of the apricot which created the conditions for a plum cell or cells to be conceived. From them tissue formed, and finally the bud which produced the plum shoot.

Card 1/1

DOLGUSHIN, D.A., akademik

~~SECRET~~ Characteristics of stage development in winter wheat sown in fall.
Agrobiologia no. 3:19-33 My-Je '58. (MIRA 11:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.
Lenina.

(Wheat breeding)

DOLGUSHIN, D.A., akademik

Darwinism and plant breeding. Agrobiologia no.1:16-26 Ja-F
'60. (MIRA 13:5)

1. Vsesoyuznyy selektsionno-geneticheskiy institut, Odessa.
Vsesoyuznaya akademiya sel'skokhozyaystbennykh nauk im. Lenina.
(Plant breeding)

DOLGUSHIN, D.Ar, akademik

Phasic development of winter plants. Agrobiologia no.5:643-665
S-0 '62. (MIRA 15:11)

1. Vsesoyuznyy selektsionno-generticheskiy institut, Odessa i
Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
Lenina.

(Wheat) (Rye)

DOLGUSHIN, D. A., akademik

Phasic development of plants, ~~Zemledelie~~ ~~24~~ ~~no. 913-10~~ 8 '62.
(MIRA 15:10)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
Lenina.

(Plant physiology)

MUSIYKO, A.S., doktor sel'khoz. nauk, otv. red.; BERCHENKO, B.E., red.,
 kand. sel'khoz. nauk; VENGRENOVSKIY, S.I., kand. sel'khoz.
 nauk, red.; VERESHCHAKA, A.I., kand. sel'khoz. nauk, red.;
 GARKAVYY, P.F., kand. sel'khoz. nauk, red.; ~~DOLGUSHIN, I.A.,~~
 akademik, red.; KIRICHENKO, F.G., akademik, red.;
 PUKHAL'SKIY, A.V., kand. sel'khoz. nauk, red.; SOKOLENKO,
 N.F., doktor sel'khoz. nauk, red.; KHITRINSKIY, V.F., doktor
 sel'khoz. nauk, red.; SMIRNOV, F.V., red.; TETUYEVA, I.V.,
 red.; MAKHOVA, N.N., tekhn. red.

[Towards the development of Michurinist agrobiological
 theories] Za razvitie michurinskoi agrobiologicheskoi nauki;
 materialy... Moskva, Sel'khozizdat, 1963. 350 p.

- (MIRA 16:10)
 50-letiyu
 Vsesoyuznogo Ordena Lenina i Ordena Trudovogo Krasnogo Zna-
 menii selektsionno-geneticheskogo instituta imeni T.D.
 Lysenko. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'sko-
 khozyaystvennykh nauk imeni V.I.Lenina, direktor Vsesoyuz-
 nogo selektsionno-geneticheskogo instituta imeni T.D.Lysenko
 (for Musiyko). 3. Vsesoyuznaya akademiya sel'skokhozyay-
 stvennykh nauk imeni V.I.Lenina (for Kirichenko, Dolgushin).
 4. Vsesoyuznyy selektsionno-geneticheskii institut imeni
 T.D.Lysenko (for Kirichenko, Vengrenovskiy, Garkavyy).
 5. Glavnyy uchenyy sekretar' prezidiuma Vsesoyuznoy akademii
 sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for
 Pukhal'skiy).

(MIRA 16:10) (MIRA 16:10)

DOLGUSHIN, D.A., akademik

Developing winter durum wheat from spring wheat. Agrobiologiya
no.2:192-201 Mr-Apr '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy selektsionno-geneticheskiy
institut, Odessa. Vsesoyuznaya akademiya sel'skokhozyaystvennykh
nauk imeni Lenina.

(Wheat breeding)

DOLGUSHIN, D.A.

Principles of the "loosening" of the conservatism in plant heredity. Agrobiologia no.5:652-661 S-0'63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy selektsionno-geneticheskiy institut, Odessa.

REGEDA, N.; PINNEKER, V.; DOLEUSHIN, G.

Characteristics of tillage in virgin lands. Zemledelie 26 no.9:
23-24 S '64. (MIRA 17:11)

1. Direktor sovkhoza "TSelinnyy" Russko-Polyanskogo proizvodstvennogo upravleniya (for Regeda).
2. Glavnyy agronom sovkhoza "TSelinnyy" Russko-Polyanskogo proizvodstvennogo upravleniya (for Pinneker).
3. Zaveduyushchiy Russko-Polyanskim sortouchastkom (for Dolgushin).

DOLGUSHIN, I.

Ice fields. Znan.sila no.5:16 My '54. (MIRA 716)
(Yakutia--Ice)

DOLGUSHIN, IVAN

SUBJECT: USSR/Diamond Veins in Yakutsk

AUTHOR: Dolgushin, Ivan, Candidate of Geographic Sciences

TITLE: On Diamond Soil (Na almaznoy zemle)

PERIODICAL: Znaniye-Sila, April 1957, #4, pp 11-14 (USSR)

4-4-5/22

ABSTRACT: In 1949, the first diamond was found in Yakutiya, in connection with some alluvial deposits. Since then more diamonds have been found. It seemed evident that the diamonds had been brought to their resting places by the flow of the river from their original veins. The geologists continued their exploration according to this theory and thus found diamond veins in the valley of one of the small taiga rivers. In the meantime more than 40 veins have been found only in the West of the Yakutsk Autonomous Soviet Socialist Republic.

Among others, the article mentions Chief Geologist Gorbunov, Geologist Petr Vasil'yevich Sklyar and the geophysical group of V. Levtsova. The latter traced the diamond veins by means of a magnetometric survey. Kimberlite accompanying the diamonds has many iron ingredients and instruments immediately indicate that the surveyors are passing a magnetic field. At present, to a considerable extent, the magnetic survey is conducted from

Card 1/2

TITLE: On Diamond Soil (Naalmaznoy zemle)

4-4-5/22

aircraft.

The article contains 5 photos, and 1 drawing.

ASSOCIATION: -

PRESENTED BY: -

SUBMITTED: -

AVAILABLE: At the Library of Congress.

Card 2/2

USSR/General Division. Conservation of Nature

A-5

Abstr Jour : Ref Zhur-Biologiya, No 3, 1958, 9355

Author : I. Dolgushin, and Ye. Strautman

Inst :
Title : On Virgin Lands

Orig Pub : Okhota i okhotn. kh-vo, 1957, No 5, 28-29

Abstract : On the decrease in the number of mallards, grey ducks, pintails, shovellers, black grouse, white grouse, bustards and others in the Severo-Kazakhstan Oblast as a result of mass poaching (gathering of eggs, capture of fledgelings and young birds with nets, hunting from automobiles, bustards during the period of their propagation), multiplication of foxes, and unfavorable meteorological conditions. Measures for the preservation of the animal life are discussed.

Card 1/1

DOLGUSHIN, I.

Data on birds of the northern Balkhash region and the Kazakh
Uplands. Izv. AN Kazakh SSR. Ser. zool. no. 6:69-99 '47. (MLRA 9:6)
(Kazakhstan--Birds)

DOLGUSHIN, I.

Birds of the Zaisan Valley; discovery of *Anser indicus* Lath. on
Lake Zaisan. Izv. AN Kazakh. SSR, Ser. zool. no. 6:138 '47. (MLRA 9:6)
(Zaisan Valley--Geese)

DOLGUSHIN, I. A. (*Igor Aleksandrovich*)

Dolgushin, I. A. "On the ecological differentiation of related forms of the sparrows of southeastern Kazakhstan", *Okhrana prirody*, 1948, No. 5, p. 130-36.

SO: U-3261, 10 April 53, (*Letopis 'Zhurnal 'nykh Statey*, No. 11, 1949).

DOLGUSHIN, I.A.

Discovery of the buff-backed heron (*Bubulcus ibis* L.) on Mangyshlak.
Izv. AN Kazakh. SSR. Ser. zool. no. 7:129-130 '48. (MLRA 9:5)
(Mangyshlak peninsula--Hérons)

DOLGUSHIN, I. A.

21615 DOLGUSHIN, I. A. Dopolneniya k spisku ptits kazakhstana "Izvestiya Akad. Nauk kazakh. SSR", No. 43, Seriya parazitol., vyp. 5 (1948). Izvestiya Akad. Nauk Kazakh. SSR No. 63, Seriya zool. vyp. 8, 1948, s.219.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

PR 11/4/49717

DOLGUSHIN I. A.

USSR/Biology
Birds - Migration

Jan/Feb 49

"Bird Migration in Kazakhstan," I. A. Dolgushin,
Zool Inst, Acad Sci Kazakh SSR, 11 pp

"Tz Ak Nauk SSSR, Ser Biol" No 1

Great attention was paid by researchers to huge
bird migration in Kazakhstan. Refers to various
books written on bird migration in Kazakhstan,
including those of Pal'men and Menshik (1934),
Tugarinov (1936), Shul'pin (1939), and Korolov
and Derer'yagin (1940). In Kazakhstan, 470 differ-
ent kinds of birds were found. Describes types of

44/49717

USSR/Biology (Contd)

Jan/Feb 49

birds, bird migration in the mountains, and
migration. Submitted 26 May 47.

44/49717

BOLENGIN, I. A.

BOLENGIN, I. A. - "The basic laws of the distribution of birds in Kazakhstan". Leningrad, 1955. Acad Sci USSR, Zoological Inst. (Dissertation for the Degree of Doctor of Biological Science.)

SO: Knizhnaya Letopis', No. 13, 22 October 1955. Moscow

GALUZO, I.G.; GVOZDEV, Ye.V.; DOLGUSHIN, I.A.; AGAPOVA, A.I.; SOKOLOVA, I.B.;
USHAKOVA, G.V. AVAKBKIYVA, M.Y.; IBRASHVA, S.I.
V.A.Dogel'; obituary. Vest.AN Kazakh.SSR 11 no.9:89-90 S '55. (MLRA 9:1)
(Dogel', Valentin Aleksandrovich, 1882-1955)

DOLGUENIN, I. A.

"Forty Years of Zoological Studies in Kazakhstan." p.329. in Science in Kazakhstan during Forty Years of the Soviet Regime. Alma-ata. Izd-vo AN Kazakhskiy SSR, 1957, p. 452 (ed. Satpayer, K. I.)

This is a collection of articles(20) compiled by 24 authors on various aspects of scientific progress in Soviet Kazakhstan. One third of the articles also deal with the progress made in the main fields of industrial endeavour. The articles on the development of science survey the main contribution made in the respective branches by Kazakh scientists, and enumerate and describe the existing scientific institutes, organization, and universities. A large number of scientists are mentioned and their fields of interest stated.

DOLGUSHIN, I. A.

History of the formation of the bird fauna of Kazakhstan. Inv. AN
Kazakh. SSR, Ser. biol. no. 2:3-14 '57. (MIRA 11:3)
(Kazakhstan--Birds) (Paleontology)

DOLGUSHIN, I.A., doktor biol. nauk.

Valer'ian Semonovich Bazhanov. Izv. AN Kazakh. SSR. Ser. biol. no.2:
91-92 '57. (MIFA 11:3)

(Bazhanov, Valer'ian Semonovich, 1907-)

DOLGUSHIN, I. A.,

"Ornithological Material of Mediterranean Sea Fauna."

report presented at Conference on Dry Land Zoogeography, L'vov, 1-4 June 1957
(Izv. Ak Nauk Ser. Geog. 1958, No. 2, p 155, Author: VORONOV, A. G.).

ISKAKOVA, Kaden; DOLGUSHIN, I.A., doktor biolog.nauk, otv.red.;
ZHUKOVA, N.D., red.; ROROKINA, Z.P., tekhn.red.

[Amphibia of Kazakhstan] Zernovodnye Kazakhatana. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi SSR, 1959. 92 p. (MIRA 13:1)
(Kazakhstan--Amphibia)

DOLGUSHIN, Igor' Aleksandrovich, doktor biolog.nauk; SOKOLOV, A.G.,
red.; PROKHOROV, V.P., tekhn.red.

[Birds of Kazakhstan] Ptitsy Kazakhstana. Alma-Ata, Izd-vo
Akad.nauk Kazakhskoi SSR. Vol.1. 1960. 468 p. (MIRA 14:2)
(Kazakhstan--Birds)

DOLGUSHIN, I.A.; SUDSKIY A.A.

From the results of ornithological research in central
Kazakhstan. Trudy Probl. i tem. sov. no.9:67-72 '60.

(MIRA 13:9)

1. Institut zoologii Akademii nauk Kazakhskoy SSR.
(Kazakhstan--Birds)

DOLGUSHIN, I.A.

Flamingos on Lake Tengiz (central Kazakhstan). Trudy Inst. zool.
AN Kazakh. SSR 13:125-132 '60. (MIRA 13:7)
(Tengiz, Lake--Flamingos)

YANUSHEVICH, A.I., otv. red.; DOLGUSHIN, I.A., zam. otv. red.; LUZHIN,
B.L., red.; PALIY, V.F., red.; AYZIN, B.M., red.; VCZHEYKO,
I.V., red.; SUVOROVA, R.I., red.; ROHOKINA, Z.P., tekhn. red.

[Animal acclimatization in the U.S.S.R.] Akklimatizatsia
zhivotnykh v SSSR; materialy. Alma-Ata, Izd-vo Akad. nauk
Kazakhskoi SSR, 1963. 369 p. (MIRA 16:7)

1. Konferentsiya po akklimatizatsii zhivotnykh v SSSR, Frunze,
1963. 2. Institut zoologii AN Kirg.SSR (for Yanushevich,
Aysin, Paliy).

(Acclimatization)

ACCESSION NR: AT4004720

9/2922/63/007/000/0161/0169

AUTHOR: Dolgushin, I. P.; Novikova, D. V.

TITLE: Results of wind direction and velocity observations made at a height of 100 meters using the television tower at Gorky

SOURCE: Vses. nauchn. meteorologich. soveshch. Trudy*, v. 7. Fizika prizemnogo sloya. Leningrad, 1963, 161-169

TOPIC TAGS: meteorology, meteorological tower, meteorological observation, Gorky television tower, wind direction, wind velocity

ABSTRACT: The Observation Section of the Gorky GMO carried out parallel observations of wind velocity and direction at 13.6 m and 104 m above ground level. The observations extended throughout 1960. Wind vanes and an M-12 automatic anemograph were used at the lower height, and another M-12 anemograph, at 104 m. The sensor of the latter was installed on the tower of the Gorky television station and the recording components were placed inside the station building. Mean annual velocity was determined as 5.6 m/sec at 104 m and 3.4 m/sec at 13.6 m;

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ACCESSION NR: AT4004720

differences at the two levels varied from 0.4 m/sec in Jan. to 3.3 m/sec in Nov. Daily wind velocity patterns contrasted, the peak being at 1200-1400 hours and the minimum at 2400 hours for 13.6 m and 0000-0100 hours and 0900 hours for 104 m. Peak velocities (10 min average) in monthly summaries were 15 m/sec for 104 m and 10 m/sec for 13.6 m. Analysis of the results showed good coincidence for wind vanes and the M-12 unit at 13.6 m, the M-12 anemograph at 104 m, and a radio pilot balloon at 100 m. Orig. art. has: 7 figures and 2 tables.

ASSOCIATION: Gor'kovskaya GHO (Gorky GHO)

SUBMITTED: 00

DATE ACQ: 27Dec63

ENCL: 00

SUB CODE: ES

NO REF SOV: 000

OTHER: 000

Card 2/2